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CLAIMS:

What is claimed is:

1.   A method in a data processing system for providing
5   access to resources within the data processing system,
the method comprising the data processing system
implemented steps of:

receiving a request from a requestor to access a
resource in the data processing system;
10   sending a first cookie to the requestor in response
to the request, wherein the cookie is used to access the
resource;

storing an identification of the requestor and the
cookie to form a stored identification and a stored
15   cookie;

responsive to receiving a second cookie from a
source, comparing an identification of the source and the
second cookie with the stored identification and the
stored cookie; and
20   responsive to a match between the identification of
the source and the second cookie and the stored
identification and the stored cookie, allowing access to
the resource.

25   2.   The method of claim 1, wherein access to the
resource is allowed by accepting the second cookie.

3.   The method of claim 1 further comprising:
responsive to an absence of a match between the
30   identification of the source and the second cookie and
the stored identification and the stored cookie,

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rejecting the second cookie.

4.   The method of claim 1, wherein the resource is a
file and the first cookie identifies disk location of the
5   file.

5.   The method of claim 1, wherein the source is a web
server.

10   6.   The method of claim 1, wherein the step of storing
an identification of the source and the first cookie to
form a stored identification and a stored cookie
comprises:
         storing the identification of the source and the
15   first cookie in a cache.

7.   The method of claim 6, wherein the identification is
an Internet protocol address.

20   8.   The method of claim 1, wherein the steps of
receiving, sending, storing, comparing, and allowing are
performed in a browser.

9.   The method of claim 1, wherein the resource is a
25   file having a path and further comprising:
         generating a disk location number from the path; and
         placing the disk location number into the first
cookie.

30   10.   A method in a data processing system for processing
a cookie, the method comprising the data processing

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system implemented steps of:

receiving a request from a source to access a
resource in the data processing system;

sending a cookie to the source to form a sent
5   cookie, wherein the sent cookie is used to access the
resource;

responsive to receiving a subsequent cookie,
authenticating the subsequent cookie with the cookie; and

responsive to authenticating the subsequent cookie,
10   allowing access to the resource.

11.   The method of claim 10 further comprising:

storing the sent cookie and an identification of the
source.

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12.   The method of claim 10, wherein the sent cookie and
the identification of the source are stored in a cache.

13.   The method of claim 12, wherein the identification
20   is a stored identification and wherein the authenticating
step comprises:

comparing the stored identification with an
identification of a source for the subsequent cookie; and

comparing the sent cookie with the subsequent
25   cookie.

14.   The method of claim 10, wherein the source is a Web
server.

30   15.   The method of claim 10, wherein the resource is a
file.

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16. The method of claim 15, wherein the cookie includes a disk location of the file.

5   17. A data processing system comprising:

a cache;

a cookie management process, wherein the cookie management process generates a cookie in response to receiving a request to access a resource within the data

10   processing system from a requestor; sends the cookie to the requestor, stores the cookie and an identification of the requestor in the cache; responsive to being presented a received cookie from a source, compares the cookie and the identification of the requestor to the received

15   cookie and the source; and allows access to the resource in response to a match between the cookie and the identification of the requestor with the received cookie and the source.

20   18. The data processing system of claim 17, wherein the requestor is a server.

19. The data processing system of claim 17, wherein the resource is a file.

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20. The data processing system of claim 17, wherein the identification of the requestor and the identification of the source are Internet protocol addresses.

30   21. A data processing system for providing access to resources within the data processing system, the data

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processing system comprising:

receiving means for receiving a request from a requestor to access a resource in the data processing system;

5   sending means for sending a first cookie to the requestor, wherein the first cookie is used to access the resource;

storing means for storing an identification of the requestor and the first cookie to form a stored
10   identification and a stored cookie;

comparing means, responsive to receiving a second cookie from a source, for comparing an identification of the source and the second cookie with the stored identification and the stored cookie; and
15   allowing means, responsive to a match between the identification of the source and the second cookie and the stored identification and the stored cookie, for allowing access to the resource.

20   22. The data processing system of claim 21, wherein access to the resource is allowed by accepting the second cookie.

23. The data processing system of claim 21 further
25   comprising:

rejecting means, responsive to an absence of a match between the identification of the source and the second cookie and the stored identification and the stored cookie, for rejecting the second cookie.
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24. The data processing system of claim 21, wherein the

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resource is a file and the first cookie identifies disk
location of the file.

25. The data processing system of claim 21, wherein the
5   source is a web server.

26. The data processing system of claim 21, wherein the
storing means for storing an identification of the source
and the first cookie to form a stored identification and
10   a stored cookie comprises:
      storing means for storing the identification of the
source and the first cookie in a cache.

27. The data processing system of claim 26, wherein the
15   identification is an Internet protocol address.

28. The data processing system of claim 21, wherein the
receiving means, sending means, storing means, comparing
means, and allowing means are performed in a browser.
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29. The data processing system of claim 21, wherein the
resource is a file having a path and further comprising:
      generating means for generating a disk location
number from the path; and
25   placing means for placing the disk location number
into the first cookie.

30. A data processing system for processing a cookie,
the data processing system comprising:
30   receiving means for receiving a request from a
source to access a resource in the data processing

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system;

    sending means for sending a cookie to the source to form a sent cookie, wherein the sent cookie is used to access the resource;

5   authenticating means, responsive to receiving a subsequent cookie, for authenticating the subsequent cookie with the cookie; and

    allowing means, responsive to authenticating the subsequent cookie, for allowing access to the resource.

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31.   The data processing system of claim 30 further comprising:

    storing means for storing the sent cookie and an identification of the source.

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32.   The data processing system of claim 30, wherein the sent cookie and the identification of the source are stored in a cache.

20   33.   The data processing system of claim 32, wherein the identification is a stored identification and wherein the authenticating means comprises:

    first comparing means for comparing the stored identification with an identification of a source for the

25   subsequent cookie; and

    second comparing means for comparing the sent cookie with the subsequent cookie.

34.   The data processing system of claim 30, wherein the

30   source is a Web server.

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35. The data processing system of claim 30, wherein the resource is a file.

36. The data processing system of claim 35, wherein the
5 cookie includes a disk location of the file.

37. A computer program product in a computer readable medium for providing access to resources within the data processing system, the computer program product
10 comprising:

first instructions for receiving a request from a requestor to access a resource in the data processing system;

second instructions for sending a first cookie to
15 the requestor, wherein the first cookie is used to access the resource;

third instructions for storing an identification of the requestor and the first cookie to form a stored identification and a stored cookie;
20 fourth instructions, responsive to receiving a second cookie from a source, for comparing an identification of the source and the second cookie with the stored identification and the stored cookie; and

fifth instructions, responsive to a match between
25 the identification of the source and the second cookie and the stored identification and the stored cookie, for allowing access to the resource.

38. A computer program product in a computer readable
30 medium for processing a cookie, the computer program product comprising:

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first instructions for receiving a request from a source to access a resource in the data processing system;

second instructions for sending a cookie to the

5   source to form a sent cookie, wherein the sent cookie is used to access the resource;

third instructions, responsive to receiving a subsequent cookie, for authenticating the subsequent cookie with the cookie; and

10 fourth instructions, responsive to authenticating the subsequent cookie, for allowing access to the resource.

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